

#4

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/510,229

Source: PCT

Date Processed by STIC: 10-22-04

# ***ENTERED***

**CRF Errors Edited by the STIC Systems  
Branch**

Serial Number: 10/510,229

CRF Edit Date: 10-22-04  
Edited by: RL

Realigned nucleic acid/amino acid numbers/text in cases where the sequence  
text "wrapped" to the next line

Corrected the SEQ ID NO. Sequence numbers edited were:

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID  
NO's edited:

Deleted: invalid beginning/end-of-file text ; page numbers

Inserted mandatory headings/numeric identifiers, specifically:

Moved responses to same line as heading/numeric identifier, specifically:

Other:



PCT

## RAW SEQUENCE LISTING

DATE: 10/22/2004

PATENT APPLICATION: US/10/510,229

TIME: 09:28:04

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\10222004\J510229.raw

3 <110> APPLICANT: Reiter , Yoram  
 4 Cohen, Cyril J.  
 6 <120> TITLE OF INVENTION: ANTIGEN-PRESENTING COMPLEX-BINDING COMPOSITIONS AND USES  
 THEREOF  
 8 <130> FILE REFERENCE: 28429  
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/510,229  
 C--> 10 <141> CURRENT FILING DATE: 2004-10-13  
 10 <160> NUMBER OF SEQ ID NOS: 97  
 12 <170> SOFTWARE: PatentIn version 3.2  
 14 <210> SEQ ID NO: 1  
 15 <211> LENGTH: 23  
 16 <212> TYPE: DNA  
 17 <213> ORGANISM: Artificial sequence  
 19 <220> FEATURE:  
 20 <223> OTHER INFORMATION: Single strand DNA oligonucleotide  
 22 <400> SEQUENCE: 1  
 23 agcggataac aatttcacac agg 23  
 26 <210> SEQ ID NO: 2  
 27 <211> LENGTH: 24  
 28 <212> TYPE: DNA  
 29 <213> ORGANISM: Artificial sequence  
 31 <220> FEATURE:  
 32 <223> OTHER INFORMATION: Single strand DNA oligonucleotide  
 34 <400> SEQUENCE: 2  
 35 tttgtcgtct ttccagacgt tagt 24  
 38 <210> SEQ ID NO: 3  
 39 <211> LENGTH: 9  
 40 <212> TYPE: PRT  
 41 <213> ORGANISM: Artificial sequence  
 43 <220> FEATURE:  
 44 <223> OTHER INFORMATION: HLA-A2 restricted peptide  
 46 <400> SEQUENCE: 3  
 48 Leu Leu Phe Gly Tyr Pro Val Tyr Val  
 49 1 5  
 52 <210> SEQ ID NO: 4  
 53 <211> LENGTH: 9  
 54 <212> TYPE: PRT  
 55 <213> ORGANISM: Artificial sequence  
 57 <220> FEATURE:  
 58 <223> OTHER INFORMATION: HLA-A2 restricted peptide  
 60 <400> SEQUENCE: 4  
 62 Leu Leu Leu Thr Val Leu Thr Val Val  
 63 1 5  
 66 <210> SEQ ID NO: 5

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67 <211> LENGTH: 9  
68 <212> TYPE: PRT  
69 <213> ORGANISM: Artificial sequence  
71 <220> FEATURE:  
72 <223> OTHER INFORMATION: HLA-A2 restricted peptide  
74 <400> SEQUENCE: 5  
76 Asn Leu Thr Ile Ser Asp Val Ser Val  
77 1 5  
80 <210> SEQ ID NO: 6  
81 <211> LENGTH: 9  
82 <212> TYPE: PRT  
83 <213> ORGANISM: Artificial sequence  
85 <220> FEATURE:  
86 <223> OTHER INFORMATION: HLA-A2 restricted peptide  
88 <400> SEQUENCE: 6  
90 Asn Leu Val Pro Met Val Ala Thr Val  
91 1 5  
94 <210> SEQ ID NO: 7  
95 <211> LENGTH: 9  
96 <212> TYPE: PRT  
97 <213> ORGANISM: Artificial sequence  
99 <220> FEATURE:  
100 <223> OTHER INFORMATION: HLA-A2 restricted peptide  
102 <400> SEQUENCE: 7  
104 Ser Val Arg Asp Arg Leu Ala Arg Leu  
105 1 5  
108 <210> SEQ ID NO: 8  
109 <211> LENGTH: 9  
110 <212> TYPE: PRT  
111 <213> ORGANISM: Artificial sequence  
113 <220> FEATURE:  
114 <223> OTHER INFORMATION: HLA-A2 restricted peptide  
116 <400> SEQUENCE: 8  
118 Ile Leu Ala Lys Phe Leu His Trp Leu  
119 1 5  
122 <210> SEQ ID NO: 9  
123 <211> LENGTH: 9  
124 <212> TYPE: PRT  
125 <213> ORGANISM: Artificial sequence  
127 <220> FEATURE:  
128 <223> OTHER INFORMATION: HLA-A2 restricted peptide  
130 <400> SEQUENCE: 9  
132 Arg Leu Val Asp Asp Phe Leu Leu Val  
133 1 5  
136 <210> SEQ ID NO: 10  
137 <211> LENGTH: 9  
138 <212> TYPE: PRT  
139 <213> ORGANISM: Artificial sequence  
141 <220> FEATURE:

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Input Set : A:\pto.kd.txt

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142 <223> OTHER INFORMATION: HLA-A2 restricted peptide  
 144 <400> SEQUENCE: 10  
 146 Ile Met Asp Gln Val Pro Phe Ser Val  
 147 1 5  
 149 <210> SEQ ID NO: 11  
 150 <211> LENGTH: 9  
 151 <212> TYPE: PRT  
 152 <213> ORGANISM: Artificial sequence  
 154 <220> FEATURE:  
 155 <223> OTHER INFORMATION: HLA-A2 restricted peptide  
 157 <400> SEQUENCE: 11  
 159 Tyr Leu Glu Pro Gly Pro Val Thr Val  
 160 1 5  
 163 <210> SEQ ID NO: 12  
 164 <211> LENGTH: 9  
 165 <212> TYPE: PRT  
 166 <213> ORGANISM: Artificial sequence  
 168 <220> FEATURE:  
 169 <223> OTHER INFORMATION: HLA-A2 restricted peptide  
 171 <400> SEQUENCE: 12  
 173 Lys Thr Trp Gly Gln Val Trp Gln Val  
 174 1 5  
 177 <210> SEQ ID NO: 13  
 178 <211> LENGTH: 10  
 179 <212> TYPE: PRT  
 180 <213> ORGANISM: Artificial sequence  
 182 <220> FEATURE:  
 183 <223> OTHER INFORMATION: HLA-A2 restricted peptide  
 185 <400> SEQUENCE: 13  
 187 Glu Ala Ala Gly Ile Gly Ile Leu Thr Val  
 188 1 5 10  
 191 <210> SEQ ID NO: 14  
 192 <211> LENGTH: 5  
 193 <212> TYPE: PRT  
 194 <213> ORGANISM: Artificial sequence  
 196 <220> FEATURE:  
 197 <223> OTHER INFORMATION: Sequence of complementarity determining region of Fab  
 198 specifically binding HLA-A2:Tax11-19 complex.  
 200 <400> SEQUENCE: 14  
 202 Ser Tyr Thr Ile Ser  
 203 1 5  
 206 <210> SEQ ID NO: 15  
 207 <211> LENGTH: 17  
 208 <212> TYPE: PRT  
 209 <213> ORGANISM: Artificial sequence  
 211 <220> FEATURE:  
 212 <223> OTHER INFORMATION: Sequence of complementarity determining region of Fab  
 213 specifically binding HLA-A2:Tax11-19 complex.  
 215 <400> SEQUENCE: 15

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217 Gly Ile Ile Pro Ile Phe Gly Thr Ala Asn Tyr Ala Gln Lys Phe Gln  
 218 1 5 10 15  
 221 Gly  
 224 <210> SEQ ID NO: 16  
 225 <211> LENGTH: 13  
 226 <212> TYPE: PRT  
 227 <213> ORGANISM: Artificial sequence  
 229 <220> FEATURE:  
 230 <223> OTHER INFORMATION: Sequence of complementarity determining region of Fab  
 231 specifically binding HLA-A2:Tax11-19 complex.  
 233 <400> SEQUENCE: 16  
 235 Asp Thr Asp Ser Ser Gly Tyr Tyr Gly Ala Val Asp Tyr  
 236 1 5 10  
 239 <210> SEQ ID NO: 17  
 240 <211> LENGTH: 11  
 241 <212> TYPE: PRT  
 242 <213> ORGANISM: Artificial sequence  
 244 <220> FEATURE:  
 245 <223> OTHER INFORMATION: Sequence of complementarity determining region of Fab  
 246 specifically binding HLA-A2:Tax11-19 complex.  
 248 <400> SEQUENCE: 17  
 250 Arg Ala Ser Gln Ser Val Gly Ser Tyr Leu Ala  
 251 1 5 10  
 254 <210> SEQ ID NO: 18  
 255 <211> LENGTH: 7  
 256 <212> TYPE: PRT  
 257 <213> ORGANISM: Artificial sequence  
 259 <220> FEATURE:  
 260 <223> OTHER INFORMATION: Sequence of complementarity determining region of Fab  
 261 specifically binding HLA-A2:Tax11-19 complex.  
 263 <400> SEQUENCE: 18  
 265 Asp Ala Ser His Arg Ala Thr  
 266 1 5  
 269 <210> SEQ ID NO: 19  
 270 <211> LENGTH: 11  
 271 <212> TYPE: PRT  
 272 <213> ORGANISM: Artificial sequence  
 274 <220> FEATURE:  
 275 <223> OTHER INFORMATION: Sequence of complementarity determining region of Fab  
 276 specifically binding HLA-A2:Tax11-19 complex.  
 278 <400> SEQUENCE: 19  
 280 Gln Gln Arg Ser Asn Trp Pro Pro Met Tyr Thr  
 281 1 5 10  
 284 <210> SEQ ID NO: 20  
 285 <211> LENGTH: 5  
 286 <212> TYPE: PRT  
 287 <213> ORGANISM: Artificial sequence  
 289 <220> FEATURE:  
 290 <223> OTHER INFORMATION: Sequence of complementarity determining region of Fab

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Input Set : A:\pto.kd.txt

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291 specifically binding HLA-A2:Tax11-19 complex.  
 293 <400> SEQUENCE: 20  
 295 Ser Tyr Gly Met His  
 296 1 5  
 299 <210> SEQ ID NO: 21  
 300 <211> LENGTH: 17  
 301 <212> TYPE: PRT  
 302 <213> ORGANISM: Artificial sequence  
 304 <220> FEATURE:  
 305 <223> OTHER INFORMATION: Sequence of complementarity determining region of Fab  
 306 specifically binding HLA-A2:Tax11-19 complex.  
 308 <400> SEQUENCE: 21  
 310 Val Ile Ser Tyr Asp Gly Ser Asn Lys Tyr Tyr Ala Asp Ser Val Lys  
 311 1 5 10 15  
 314 Gly  
 318 <210> SEQ ID NO: 22  
 319 <211> LENGTH: 15  
 320 <212> TYPE: PRT  
 321 <213> ORGANISM: Artificial sequence  
 323 <220> FEATURE:  
 324 <223> OTHER INFORMATION: Sequence of complementarity determining region of Fab  
 325 specifically binding HLA-A2:Tax11-19 complex.  
 327 <400> SEQUENCE: 22  
 329 Asp Phe Asp Tyr Gly Asp Ser Tyr Tyr Tyr Tyr Gly Met Asp Val  
 330 1 5 10 15  
 333 <210> SEQ ID NO: 23  
 334 <211> LENGTH: 12  
 335 <212> TYPE: PRT  
 336 <213> ORGANISM: Artificial sequence  
 338 <220> FEATURE:  
 339 <223> OTHER INFORMATION: Sequence of complementarity determining region of Fab  
 340 specifically binding HLA-A2:Tax11-19 complex.  
 342 <400> SEQUENCE: 23  
 344 Arg Ser Ser Gln Ser Leu Leu His Ser Asn Gly Tyr  
 345 1 5 10  
 348 <210> SEQ ID NO: 24  
 349 <211> LENGTH: 7  
 350 <212> TYPE: PRT  
 351 <213> ORGANISM: Artificial sequence  
 353 <220> FEATURE:  
 354 <223> OTHER INFORMATION: Sequence of complementarity determining region of Fab  
 355 specifically binding HLA-A2:Tax11-19 complex.  
 357 <400> SEQUENCE: 24  
 359 Leu Gly Ser Asn Arg Ala Ser  
 360 1 5  
 363 <210> SEQ ID NO: 25  
 364 <211> LENGTH: 9  
 365 <212> TYPE: PRT  
 366 <213> ORGANISM: Artificial sequence

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/510,229

DATE: 10/22/2004

TIME: 09:28:05

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\10222004\J510229.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date